As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

47 Human Secreted Proteins

the specification of which is filed June 9, 2000, Application Serial No. 09/591,316.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	ı(s):	·		•
Ų ĮĮ		•	Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Appln Serial No.	Filing Date
60/113,006	1998-12-18
60/112,809	1998-12-17

PCT/US99/29950	1999-12-16	 Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Steven M	A. Ruben
Inventor's signature: Ala Ala	Date: 9/13/00
Residence: 18528 Heritage Hills Drive, Olney, MD	20832 Citizenship: US
Post Office Address: same as above	· ·
Full name of additional joint inventor: Reinhar	rd Ebner
Inventor's signature:	Date:
Residence: 9906 Shelburne Terrace #316, Gaithe 20878	
Post Office Address: same as above	
Full name of additional joint inventor: Craig A.	Rosen
Inventor's signature:	Date: 10/9/2-
Residence: 22400 Rolling Hill Road, Laytonsville,	MD 20882 Citizenship: US
Post Office Address: same as above	

Full name of additional joint inventor:	Gregory A. Endress		
Inventor's signature:		Date:	
Residence: 113 Granville Drive, Silver S	Spring, MD 20901	Citizenship:	US
Post Office Address: same as above	, ping, 1112 20001	Community.	
Tost Office Hearts.			
Full name of additional joint inventor:	Daniel R. Soppet		
Inventor's signature:		Date:	
Residence: 15050 Stillfield Place, Central	avilla VA 22020	Citizenship:	LIC
	eville, VA 22020	_ Chizenship:	<u>US</u>
Post Office Address: same as above			
•	ı		
Full name of first joint inventor:	Jian Ni		
run hame of first joint inventor.	Jian III		
Inventor's signature:		Date:	8/01
Residence: 5502 Manorfield Road, Rock	cville MD 20853	Citizenship:	713
Post Office Address: same as above		Chizonship.	
Post Office Address. Same as above			
		•	
	•	•	
Full name of additional joint inventor:	Roxanne D. Duan		
run name of auditional joint myemor.			
.	Kozanie D. Duan		
0 -	·	Date: 0//	191700
Inventor's signature: ROXAMA	e Diran		19/200
Inventor's signature: Residence: 5515 Northfield Road, Bethe	e Diran	Date: 7/	19/200 us
Inventor's signature: ROXAMA	e Diran		191200 us
Inventor's signature: Residence: 5515 Northfield Road, Bethe	e Diran		19/200 us
Inventor's signature: Residence: 5515 Northfield Road, Bethe	e Diran		19/200 us
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above	esda, MD 20817		191200 US
Inventor's signature: Residence: 5515 Northfield Road, Bethe	e Diran		19/200 <u>us</u>
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor:	Paul A. Moore	Citizenship:	19/200 US
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature:	Paul A. Moore Work	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherbark Drive, General Residence: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherb	Paul A. Moore Work	Citizenship:	19/200 US 1/13/90 UK
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature:	Paul A. Moore Work	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherbark Drive, General Residence: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherb	Paul A. Moore Work	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherbark Drive, General Residence: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherb	Paul A. Moore Work	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: fam. [Residence: 19005 Leatherbark Drive, General Post Office Address: same as above]	Paul A. Moore Proplement of the control of the con	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherbark Drive, General Residence: Residence: 19005 Leatherbark Drive, General Residence: 19005 Leatherb	Paul A. Moore Work	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: fam. [Residence: 19005 Leatherbark Drive, General Post Office Address: same as above]	Paul A. Moore Proplement of the control of the con	Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bether Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Grand Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 437 West Side Drive, Apt. 1	Paul A. Moore Paul A. Moore ermantown, MD 20874 Yanggu Shi	Date: Citizenship:	1/13/90
Inventor's signature: Residence: 5515 Northfield Road, Bethe Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Paud Residence: 19005 Leatherbark Drive, Great Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Same as above	Paul A. Moore Paul A. Moore ermantown, MD 20874 Yanggu Shi	Date: Citizenship:	1/13/90

run name or additional jo	mt mventor;	David W. Larieur		
Inventor's signature: Residence: 3142 Quesada		ashington, D.C. 20015	Date: 9 Citizenship:	US US
Post Office Address:	same as above			
Full name of additional jo	int inventor:	Henrik S. Olsen		
Inventor's signature:	Hanst	Olson	Date:	8 200
Residence: 182 Kendrick	Place, #24, Gaith	nersburg, MD 20878	Citizenship:	DK
Post Office Address:	same as above			
Full name of additional jo	int inventor:	Kimberly A. Floren	ce	
Inventor's signature:	Jally &	1 Florence	Date: 10/11/	100
		ockville, MD 20851	Citizenship:	US
Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

47 Human Secreted Proteins

the specification of which is filed June 9, 2000, Application Serial No. 09/591,316.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applic	ation(s):			
V 11	,		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Appln Serial No.	Filing Date
60/113,006	1998-12-18
60/112,809	1998-12-17

PCT/US99/29950	1999-12-16	Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
I hereby appoint the following	g attorney(s) and/or agen	t(s) to prosecute this application and to
transact all business in the Pa	tent and Trademark Offi	ce connected therewith James H. Davis

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of firs	t joint inventor:	Ste	ven M. Ruben			
Inventor's signatu	re:				Date:	
_	8528 Heritage Hil	ls Drive, Olney	, MD 20832		Citizenship:	US
Post Office Addre	ess: same	as above			``	
•						
Full name of add	litional joint inve	tor: Re	inhard Ebner			
Inventor's signatu	re:	rule and	Unor		Date: 9/12	1200c
Residence: 99		errace #316,	Gaithersburg,	MD C	itizenship:	DE
Post Office Addre	ess: same as	above				
,						
Full name of add	litional joint inve	ntor: <u>Cr</u>	aig A. Rosen		 	
Inventor's signatu	ire:	,		•	Date:	
-	22400 Rolling Hill	Road, Laytons	ville, MD 2088		tizenship:	US
Post Office Addre						
				-		

	muonai j	joint inventor:	Gregory A. Endress		
Inventor's signatu	ıre:			Date:	
		ville Drive, Silver	r Spring, MD 20901	Citizenship:	U
Post Office Addre	ess:	same as above		<u> </u>	
Full name of add	ditional	joint inventor:	Daniel R. Soppet	· · · · · · · · · · · · · · · · · · ·	
Inventor's signatu	ıre:	•		Date:	
_		illfield Place, Cen	treville, VA 22020	Citizenship:	U
Post Office Addre		same as above		<u>.</u>	
		e ·	•		
Full name of firs	st joint i	nventor:	Jian Ni		•
	J - 1 1.				
Inventor's signati	ıre:			Date:	
_		norfield Road, Ro	ockville, MD 20853	Citizenship:	U
Post Office Addr	ess:	same as abov	ve		
			•	•	
Full name of ade	ditional	joint inventor:	Roxanne D. Duan		
		joint inventor:	Roxanne D. Duan	Date	
Inventor's signatu	ıre:			Date:	
Inventor's signate Residence:	ıre: 5515 No	orthfield Road, Bet	Roxanne D. Duan	Date: Citizenship:	L
Inventor's signatu	ıre: 5515 No			 -	<u>U</u>
Inventor's signate Residence:	ıre: 5515 No	orthfield Road, Bet		 -	L
Inventor's signate Residence: Post Office Addr	ure: 5515 No ess:	orthfield Road, Bet same as above		 -	L
Inventor's signate Residence: Post Office Addr Full name of ad	are: 5515 No ess: ditional	orthfield Road, Bet same as above	hesda, MD 20817	Citizenship:	L
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate	are: 5515 No ess: ditional	orthfield Road, Bet same as above joint inventor:	hesda, MD 20817 Paul A. Moore	Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence:	are: 5515 No ess: ditional are: 19005 L	orthfield Road, Bet same as above joint inventor: eatherbark Drive,	hesda, MD 20817	Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate	are: 5515 No ess: ditional are: 19005 L	orthfield Road, Bet same as above joint inventor:	hesda, MD 20817 Paul A. Moore	Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence:	are: 5515 No ess: ditional are: 19005 L	orthfield Road, Bet same as above joint inventor: eatherbark Drive,	hesda, MD 20817 Paul A. Moore	Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence: Post Office Addr	ditional ure: 19005 L	joint inventor: eatherbark Drive, same as above	Paul A. Moore Germantown, MD 20874	Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence: Post Office Addr Full name of ad	ditional ure: 19005 L ress:	joint inventor: eatherbark Drive, same as above	hesda, MD 20817 Paul A. Moore	Citizenship: Date: Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence:	ditional ure: 19005 L ress: ditional	joint inventor: eatherbark Drive, same as above joint inventor:	Paul A. Moore Germantown, MD 20874 Yanggu Shi	Citizenship: Date: Citizenship:	
Inventor's signate Residence: Post Office Addr Full name of ad Inventor's signate Residence: Post Office Addr Full name of ad	ditional ure: 19005 L ress: ditional	joint inventor: eatherbark Drive, same as above joint inventor:	Paul A. Moore Germantown, MD 20874	Citizenship: Date: Citizenship:	

Full name of additional jo	oint inventor:	David W. LaFleur		
Inventor's signature:			Date:	
Residence: 3142 Quesada	Street, N.W., Wa	ashington, D.C. 20015	Citizenship:	
Post Office Address:	same as above			
Full name of additional jo	oint inventor:	Henrik S. Olsen		
Inventor's signature:			Date:	
Residence: 182 Kendrick	Place, #24, Gaith	ersburg, MD 20878	Citizenship:	
Post Office Address	some as above			
Post Office Address:	same as above			
,				
Full name of additional j	oint inventor:	Kimberly A. Floren	ce	
Inventor's signature:			Date:	
	lantic Avenue, Ro	ckville, MD 20851	Citizenship:	
Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

47 Human Secreted Proteins

the specification of which is filed June 9, 2000, Application Serial No. 09/591,316.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	(s):			•
	•		Priority (Claimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		
(Number)	(Country)	(Day/Months I car I fied)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Appln Serial No.	Filing Date
60/113,006	1998-12-18
60/112,809	1998-12-17

PCT/US99/29950	1999-12-16	Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor:	Steven M. Ruben	<u> </u>	
Inventor's signature:		Date:	
Residence: 18528 Heritage Hills I	Orive, Olney, MD 20832	Citizenship:	US
Post Office Address: same as above		· · · · · · · · · · · · · · · · · · ·	
•		•	
	•		
Full name of additional joint inventor	r: Reinhard Ebner		
Inventor's signature:		Date:	
	ice #316, Gaithersburg, MD	Citizenship:	DE
Post Office Address: same as abo	ove		
		·	
		,	
Full name of additional joint inventor	r: Craig A. Rosen	·	
Inventor's signature:		Date:	
	oad, Laytonsville, MD 20882	Citizenship:	US
Post Office Address: same as ab	ove		

ranville Drive, Silver same as above	Spring, MD 20901	Date: Citizenship:	US
same as above	Spring, MD 20901	Citizenship:	US
•		·	
al joint inventor:	Daniel R. Soppet		
Dance	DR. Sozal	Date: 9//	17/0
Stillfield Place, Cent	treville, VA 22020	Citizenship:	US
same as above			
·.			
it inventore	Tion Ni		
it myemor:	JIAN IN		
		Date:	
Manorfield Road, Roa	ckville, MD 20853	Citizenship:	US
		-	
	•	Data	
North Gold Dood Dotl	handa MD 20017		US
	nesua, MID 20017	_ Chizenship.	
Same as above			
¥.			
al joint inventor:	Paul A. Moore		
V 4		Dota	
5 Leatherbark Drive (Germantown MD 20874		UK
	Jermantown, 1910 20074	_ Chizonship.	
Same as above			
nal joint inventor:	Yanggu Shi		
		Date:	
			~
West Side Drive, Apt. 20878	102, Gaithersburg,	Citizenship:	CN
	same as above Manorfield Road, Ros same as above al joint inventor: Northfield Road, Better same as above hal joint inventor:	Manorfield Road, Rockville, MD 20853 same as above Mal joint inventor: Roxanne D. Duan Northfield Road, Bethesda, MD 20817 same as above Mal joint inventor: Paul A. Moore Leatherbark Drive, Germantown, MD 20874 same as above	Stillfield Place, Centreville, VA 22020 Same as above Date: Manorfield Road, Rockville, MD 20853 Same as above Citizenship: Same as above Date: Northfield Road, Bethesda, MD 20817 Same as above Date: Citizenship: Same as above

Full name of additional j	oint inventor:	David W. LaFleur		
Inventor's signature:		•	Date:	
Residence: 3142 Quesad	a Street, N.W., W.	ashington, D.C. 20015	Citizenship:	
Post Office Address:	same as above			
Full name of additional j	oint inventor:	Henrik S. Olsen		
Inventor's signature:			Date:	
Residence: 182 Kendrick	Place, #24, Gaith	ersburg, MD 20878	Citizenship:]
Post Office Address:	same as above			
	•	•		
Full name of additional j	oint inventor:	Kimberly A. Flore	nce	
Inventor's signature:			Date:	
Residence: 12805 At	lantic Avenue, Ro	ckville, MD 20851	Citizenship:	_1
Post Office Address:	same as above			

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

47 Human Secreted Proteins

the specification of which is filed June 9, 2000, Application Serial No. 09/591,316.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):			•
			Priority (Claimed
,	•		Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Appln Serial No.	Filing Date
60/113,006	1998-12-18
60/112,809	1998-12-17

PCT/US99/29950	1999-12-16	Pending	
(Application Serial No.)	(Filing Date)	(Status: patente	d, pending, abandoned)
I hereby appoint the following transact all business in the Paragram (Reg. No. 40,582), Kenley K 43,975), Joseph Kenny (Reg. Human Genome Sciences, In	ntent and Trademark (. Hoover (Reg. No. 4 . No. 43,710), and Jon	Office connected there 0,302), Michele M. W nathan L. Klein (Reg.	with James H. Davis Vales (Reg. No. No. 41,119) of
I hereby declare that all states statements made on information statements were made with are punishable by fine or important that such application or any patent issues	ation and belief are the knowledge that w prisonment, or both, a willful false stater	believed to be true; stillful false statements under Section 1001 of	and further that these and the like so made Title 18 of the United
Full name of first joint inve	entor: St	teven M. Ruben	· · · · · · · · · · · · · · · · · · ·
Inventor's signature:		N 37	Date:
-	tage Hills Drive, Olne	ey, MD 20832	Citizenship: US
Post Office Address:	same as above		· · · · · · · · · · · · · · · · · · ·
Full name of additional joi	nt inventor: <u>I</u>	Reinhard Ebner	·
Inventor's signature:	,		Date:
Residence: 9906 Shelber 20878	ırne Terrace #316,	Gaithersburg, MD	Citizenship: DE
Post Office Address:	same as above		
Full name of additional joi	nt inventor: C	raig A. Rosen	Date:

1, 1,157

Citizenship:

US

Residence:

Post Office Address:

22400 Rolling Hill Road, Laytonsville, MD 20882

same as above

Full name of additional	joint inventor:	Gregory A. Endress		· · · · · · · · · · · · · · · · · · ·
[antonio di amotumo)	91	e 1	Date: 9/1	ا.
Inventor's signature: Residence: 113 Gra	nvilla Driva Cilvar	Spring, MD 20901	Citizenship:	11000
Post Office Address:	same as above	Spring, WID 20301	_ Citizenship.	
ost Office Address.	Same as above		· · · · · · · · · · · · · · · · · · ·	
	e de la companya de l			
Full name of additional	joint inventor:	Daniel R. Soppet		
Inventor's signature:	· Y		Date:	
Residence: 15050 S	tillfield Place Cent	treville VA 22020	Citizenship:	US
Post Office Address:	same as above	nevine, vit 22020	_ Creizonomp.	_05
ost Office Madiess.	Same as asove			
Full name of first joint :	inventor:	Jian Ni		
Inventor's signature:			Date:	
Residence: 5502 M			Citizenship:	US
Post Office Address:	same as abov	e		
Full name of additional		Roxanne D. Duan	,	
Full name of additional Inventor's signature:			Date:	
	joint inventor:	Roxanne D. Duan	Date: Citizenship:	US
Inventor's signature:	joint inventor:	Roxanne D. Duan		US
Inventor's signature: Residence: 5515 No	joint inventor:	Roxanne D. Duan		US
Inventor's signature: Residence: 5515 No	joint inventor:	Roxanne D. Duan		US
Inventor's signature: Residence: 5515 No	orthfield Road, Bether same as above	Roxanne D. Duan		US
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional	orthfield Road, Bether same as above	Roxanne D. Duan nesda, MD 20817	Citizenship:	US
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature:	orthfield Road, Beth same as above	Roxanne D. Duan nesda, MD 20817 Paul A. Moore	Citizenship: Date:	
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature: Residence: 19005 I	orthfield Road, Bett same as above	Roxanne D. Duan nesda, MD 20817	Citizenship:	
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature:	orthfield Road, Beth same as above	Roxanne D. Duan nesda, MD 20817 Paul A. Moore	Citizenship: Date:	
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature: Residence: 19005 I	orthfield Road, Bett same as above	Roxanne D. Duan nesda, MD 20817 Paul A. Moore	Citizenship: Date:	
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature: Residence: 19005 I	orthfield Road, Bett same as above	Roxanne D. Duan nesda, MD 20817 Paul A. Moore	Citizenship: Date:	
Inventor's signature: Residence: 5515 No Post Office Address: Full name of additional Inventor's signature: Residence: 19005 I	orthfield Road, Betl same as above I joint inventor: Leatherbark Drive, 0 same as above	Roxanne D. Duan nesda, MD 20817 Paul A. Moore	Citizenship: Date:	
Inventor's signature: Residence:5515 No Post Office Address: Full name of additional Inventor's signature: Residence:19005 I Post Office Address: Full name of additional	orthfield Road, Betl same as above I joint inventor: Leatherbark Drive, 0 same as above	Roxanne D. Duan hesda, MD 20817 Paul A. Moore Germantown, MD 20874	Citizenship: Date:	US
Inventor's signature: Residence:5515 No Post Office Address: Full name of additional Inventor's signature: Residence:19005 I Post Office Address: Full name of additional Inventor's signature:	orthfield Road, Bethe same as above I joint inventor: Leatherbark Drive, Carne as above I joint inventor:	Roxanne D. Duan nesda, MD 20817 Paul A. Moore Germantown, MD 20874 Yanggu Shi	Citizenship: Date: Citizenship:	

Full name of additional jo	int inventor:	David W. LaFleur		
Inventor's signature:			Date:	
Residence: 3142 Quesada	Street, N.W., Wa	shington, D.C. 20015	Citizenship:	US
Post Office Address:	same as above			
	••			
		•		
Full name of additional jo	oint inventor:	Henrik S. Olsen		
			_	
Inventor's signature:			Date:	
Residence: 182 Kendrick	Place, #24, Gaithe	ersburg, MD 20878	Citizenship:	
				DK
Post Office Address:	same as above			
			•	
	•			
		*** * * * * ***		
Full name of additional je	oint inventor:	Kimberly A. Florence	ce	· · · · · · · · · · · · · · · · · · ·
	,		D.	
Inventor's signature:		> 65 440 54	Date:	
	antic Avenue, Roc	ckville, MD 20851	_ Citizenship:	US
Post Office Address:	same as above		 	